THE UNIVERSITY OF MICHIGAN
MAY 27 1968
MEDICAL LIBRARY

Developmental Medicine and Child Neurology

Volume 7 1965

INDEX

Authors and subjects of articles in the body of the Journal are indexed together. Abstracts are included in the general index and listed under both subjects and authors, with '(abstr.)' at the end of the title. Letters to the Editor are indicated by the symbol (L).

KEY TO ISSUES AND PAGES

Issue	*Pages*	*Issue*	*Pages*
No. 1	1–118	No. 4	351–476
No. 2	119–232	No. 5	477–602
No. 3	233–350	No. 6	603–736

ABDUL-KARIM, R., ILIYA, F., and ISKANDAR, G.: Consecutive hydrocephalus; report of two cases (abstr.), 472
ABERFELD, D. C., and POURFAR, M.: DeLange's Amsterdam dwarfs syndrome, 35
A-beta-lipoproteinaemia, 430
ABEZGAUZ, A. M., and FONAREV, M. I.: Arachnodactyly in children (Marfan's disease) (abstr.), 734
Abnormalities. *See* Malformations
Acid glycolipids, neuronal storage in Niemann-Pick's disease (abstr.), 229
ACTH. *See* Corticotrophin
ADAMS, J. H., and CAMERON, H. M.: Obstetrical paralysis due to ischaemia of spinal cord (abstr.), 468
Adults, cerebral palsied, reading problems in, 88
— young, cerebral palsy in, 269
Aggression, meanings of, 571
ALFORD, C. A., NEVA, F. A., and WELLER, T. H.: Virologic and serologic studies on human products of conception after maternal rubella (abstr.), 345
ALMEIDA, G. M.: Hydrocephalus due to smallpox occurring in foetal period (abstr.), 597
— *See* PEREIRA, W. C., 598
Alphabet, initial teaching, use in emotionally disturbed children, 212 (L)
Alport's syndrome. *See* Nephritis, hereditary associated with deafness
American Academy for Cerebral Palsy, annual meeting, New York, 1964: abstracts of papers presented at, 84
— — — — problems and opportunities confronting, 603
Amino-aciduria in infantile spasms, 707
p-Aminosalicylic acid during pregnancy, effect on foetus (abstr.), 347
AMIR, A. P. *See* DE VRIES, E., 113
Amniotic fluid, 201
Anaesthesia, inhalation, in control of prolonged convulsive seizures in childhood (abstr.), 230
ANDERSON, B.: Marinesco-Sjögren syndrome: spinocerebellar ataxia, congenital cataract, somatic and mental retardation, 249
ANGELMAN, H.: 'Puppet' children, 681
Ankle jerk in thyroid disease and cerebral palsy, 65

ANNOTATIONS
A-beta-lipoproteinaemia, 430
Aggression, meanings of, 571
Amniotic fluid, 201
Anus and rectum, congenital anomalies, 199
Asthma, bronchial, airway obstruction in, 82
Asymmetry, congenital, 698
Brain abscess in childhood, 433
— spongy degeneration, 322
— swelling in acute purulent meningitis, 321
Demyelinating diseases, diffuse, 202
Dermatoglyphics of congenital malformations, 568
Dying child, 693
Dyslexia, recent studies of, 574
Epilepsy, centrencephalic, 702
Fatigue in young children, 79
Growth hormone, role in infancy, 700
Home environment and development, 319
Hospitals, psychological effects of treating congenital disorders in, 435
Hyertonia of skeletal muscle, 323

Hypsarrhythmia or hypsarhythmia, 204, 329 (L)
Iliopsoas transplantation in paralytic dislocation of hip, 429
Infants of diabetic mothers, congenital malformations in, 78
— premature, age and size of, 75, 330 (L)
Intraventricular haemorrhage, 566
Language development disorders, association method of teaching children with, 575
Lead poisoning in children, 569
Light-induced seizures, 701
Morquio's disease, 432
Nerve conduction velocity, clinical applications, 427
— — — in premature and full-term infants, 426
Obesity in children, 77
Palate, abnormalities, 697
Pharmacology and the central nervous system, 577
Phenylketonuria, natural history of, 81
Prematurity, biology of, 74
Pyridoxine, tryptophan and epilepsy, 73
Rubella and congenital defects, 196
Sleep cycles in premature infants, 317
Tay-Sachs' disease with variations, 199
Terminology of infants of low birth weight, 578
Transillumination of skull, technique, 696
Antibiotics in early pregnancy, congenital malformations due to, 353
— teratogenic effects of, 353
Anus, congenital anomalies, 199
Apgar score as index of neonatal mortality (abstr.), 228
Aphasia, association with autism, 522
APPICCIUTOL, L. *See* BIGNAMI, A., 232
Arachnodactyly in children (abstr.), 734
ARDRAN, G. M., BENSON, P. F., BUTLER, N. R., ELLIS, H. L., and MCKENDRICK, T.: Congenital dysphagia resulting from dysfunction of the pharyngeal musculature; a clinical and radiological study, 157
ARESIN, L. *See* SCHWARTZE, P., 474
Arhinencephaly, diagnostic significance of median facial anomalies for (abstr.), 349
ARNESEN, J. P. *See* BRUHL, H. H., 230
Artery, middle cerebral, perinatal occlusion, 235
ARTHUR, B. *See* WESTMAN, J. C., 598
ARTHUR, L. J. H.: Some hereditary syndromes that include deafness, 395
ASHER, P.: Obesity in children, 77
Asphyxia neonatorum, brain damage in, studies on prevention, 607
— — comparative study of asphyxiated and non-asphyxiated boys from birth to five years, 643
Asthma, bronchial, airway obstruction in, 82
Asymmetry, congenital, 698
Australian Cerebral Palsy Association, seventh medical and educational conference, Brisbane, 1963, 333
Autism, association with aphasia, 522
— association with mental subnormality, 520
— association with organic brain injury, 522
— psychogenic factors in, 524
— relation to schizophrenia, 519

BAKER, L. D. *See* HILL, L. M., 89
BANKS, H. H. *See* TACHDJIAN, M. O., 89
BARCLAY, G. L.: Use of the Initial Teaching Alphabet in emotionally disturbed children, 212 (L)
BARNET, A. B., and GOODWIN, R. S.: Averaged evoked electroencephalographic responses to clicks in human newborn (abstr.), 601
BARNETT, H.: Surgery in the athetoid cerebral palsied child, 85
BARNETT, S. A.: Meanings of aggression, 571
Bassen-Kornzweig syndrome. *See* A-beta-lipoproteinaemia
BASSI, U. *See* LORBER, J., 289
BAX, M. C. O. *See* CLAYTON-JONES, E., 91
BELMONT, Lillian. *See* BIRCH, H. G., 135
BENEDETTI, P. *See* BIGNAMI, A., 470
BENSON, P.: Lead poisoning in children, 569
— *See* ARDRAN, G. M., 157
BERENBERG, W. *See* TACHDJIAN, M. O., 89
BERENDES, H. *See* PADDISON, R., 89
BERMAN, P. A. *See* SHANKLIN, D. R., 109
BIGNAMI, A., and APPICCIUTOL, L.: Micropolygyria and cerebral calcification in cytomegalic inclusion disease (abstr.), 232
— ZAPPELLA, M., and BENEDETTI, P.: Infantile spasms with hypsarrhythmia: pathological study (abstr.), 470
Biomedical Communications Research Centre, Pittsburgh, establishment of, 476
BIRCH, H. G., and BELMONT, Lillian: Auditory-visual integration in brain-damaged and normal children, 135
Birth management in endangered children (abstr.), 727
— weight and gestation as indices of immaturity (abstr.), 467
— — in twins, relationship to intelligence (abstr.), 728
— — low, infants of, terminology, 578
BLACKSTAD, T. W. *See* JØRGENSEN, L., 229
Bladder, neurogenic, urinary diversion in, 167
Blood level of phenytoin and phenobarbital in children, clinical use, 387
— oxygenated, effect of transfusion with on electroencephalogram of human foetuses (abstr.), 474

BOOK REVIEWS

ALLEN OF HURTWOOD, Lady: *New Playgrounds*, 106
ALVIN, Juliette: *Music for the Handicapped Child*, 455
AUSTRALIAN CEREBRAL PALSY ASSOCIATION: *Seventh Medical and Educational Conference*, 333
AVERY, M. E.: *The Lung and its Disorders in the Newborn Infant*, 108
BAAR, H. S., BAAR, Stella, ROGERS, K. B., and STRANSKY, E.: *Disorders of Blood and Blood-forming Organs in Childhood*, 460
BELLUGI, U., and BROWN, R. (Editors): *The Acquisition of Language*, 104
BIRCH, H.: *Brain Damage in Children*, 582
BIRCH, H. G., and LEFFORD, A.: *Intersensory Development in Children*, 102
BLACK, Martha E.: *Speech Correction in Schools*, 588
BLACKWOOD, W., DODDS, T. C., and SOMMERVILLE, J. C.: *Atlas of Neuropathology*, 2nd ed., 335

Med
Direct
5-24-68
Shortage

BOSSELMAN, Beulah C., ROSENTHAL, Ira M., and SCHWARTZ, M.: *Introduction to Developmental Psychiatry*, 715
BRITISH POSTGRADUATE MEDICAL FEDERATION: *The Scientific Basis of Medicine: Annual Reviews* 1964, 106
BROZEK, J. (Editor): *Bodily Composition*, 334
CARRICK, D. J. E. L. (Editor): *Research Reviews* 1963–64, 719
CIBA FOUNDATION: *Brain-Thyroid Relationships. Ciba Foundation Study Group No.* 18, 718
CIBA FOUNDATION: *Symposium on Disorders of Language*, 221
CLEMENTS, F. W., and MCCLOSKEY, B. P. (Editors): *Child Health: Its Origins and Promotion*, 458
COLLEGE OF GENERAL PRACTITIONERS: *Symposium on the Aetiology of Congenital Anomalies*, 460
DARLEY, F. L.: *Diagnosis and Appraisal of Communication Disorders*, 713
DAVIDSON, E. F., and GORNICK, B. (Editors): *Care of Children in Day Centres*, 336
DE PARREL, Suzanne: *Speech Disorders*, 585
DI CARLO, L. M.: *The Deaf*, 714
DIXON, Daphne J. W.: *Diets for Sick Children*, 720
ETTLINGER, E. G., DE REUCK, A. V. S., and PORTER, Ruth (Editors): *Functions of the Corpus Callosum*, 717
FIENNES, R.: *Man, Nature and Disease*, 590
FISCH, L. (Editor): *Research in Deafness in Children*, 221
FOSS, B. M. (Editor): *Determinants of Infant Behaviour II*, 98
GERARD, R. W., and DUYFF, J. W. (Editors): *Information Processing in the Nervous System*, 584
GLASER, G. H. (Editor): *E.E.G. and Behaviour*, 218
GOLDSTEIN, E.: *Selective Audio-Visual Instruction for Mentally Retarded Pupils*, 103
GRAVES, J., and GRAVES, Valerie: *Medical Sound Recording*, 720
HOLT, K. S.: *Assessment of Cerebral Palsy*, 331
HOWELLS, J. G. (Editor): *Modern Perspectives in Child Psychiatry*, 716
ILLINGWORTH, R. S.: *The Normal School Child—his Problems, Physical and Emotional*, 215
INGRAM, T. T. S.: *Paediatric Aspects of Cerebral Palsy*, 99
JOLLY, H.: *Diseases of Children*, 105
KAHN, J. H., and NURSTEN, J. P.: *Unwillingly to School*, 331
KEATES, S.: *Cerebral Palsy*, 458
LEVIN, Katherine: *Cerebral Palsy—the Pioneer Years of Occupational Therapy in Scotland*, 100
LIPSITT, L. P., and SPIKER, C. C. (Editors): *Advances in Child Development and Behaviour*, 97
MCDOWALL, E. B.: *Teaching the Severely Subnormal*, 459
MACGREGOR, R., RITCHIE, A. M., SERRANO, A. C., and SCHUSTER, F. P.: *Multiple Impact Therapy with Families*, 217
NEALE, A. V.: *The Advancement of Child Health*, 216
NEALE, A. V.: *Medical Progress in Bristol*, 337
NIBLETT, W. R. (Editor): *How and Why Do We Learn?*, 713
O'NEILL, J. J.: *The Hard of Hearing*, 589
PAVLOV, I. P.: *Lectures on Conditioned Reflexes Vols.* 1 *and* 2, 96
PURPURA, D. P., and SCHADÉ, J. P. (Editors): *Progress in Brain Research Vol.* 4: *Growth and Maturation of the Brain*, 107
RHEINGOLD, H. L. (Editor): *Maternal Behaviour in Mammals*, 95
ROBINSON, F. B.: *Introduction to Stuttering*, 589
SACHARIN, R. M., and HUNTER, M. H. S.: *Paediatric Nursing Procedures*, 461
SCHILDER, P.: *Contributions to Developmental Neuropsychiatry*, 583
SCOTTISH HEALTH SERVICES COUNCIL: *The Young Chronic Sick*, 101
SLOOF, J. L., KERNOHAN, J. W., and MAC CARTY, C. S.: *Primary Intramedullary Tumours of the Spinal Cord and Filum Terminale*, 456
SMITH, E. D.: *Spina Bifida and the Total Care of Spinal Myelomeningocele*, 581
SMITH, I. M.: *Spatial Ability: Its Educational and Social Significance*, 712
TIZARD, J.: *Community Services for the Mentally Retarded*, 214
UNITED CEREBRAL PALSY ASSOCIATIONS INC.: *Recognition and Management of Cerebral Palsy*, 101
VAHLQUIST, B., and WALLGREN, A. (Editors): *Nils Rosen von Rosenstein and his Textbook on Paediatrics*, 219
WALL, W. D.: *Guidance in Adolescence*, 456
WEBER, E. W. (Editor): *Health and the School Child*, 215
WEISS, D. A.: *Cluttering*, 586
WILKINSON, A. W.: *Recent Advances in Paediatric Surgery*, 332
WILLIAMSON, B., and WHITE, R. M. M.: *Handbook on Diseases of Children*, 9th ed., 220
WING, Lorna: *Autistic Children*, 457
WORLD HEALTH ORGANISATION: *Biology of Human Reproduction*, 461
WORLD HEALTH ORGANISATION: *Physiology of Lactation. WHO Technical Report Series No.* 305, 589
WORLD HEALTH ORGANISATION: *Enteric Infections. WHO Technical Report Series No.* 228, 590
WORLD HEALTH ORGANISATION: *Effects of Labour on the Foetus and New-born. WHO Technical Report Series No.* 300, 719
WYBURN, G. M., PICKFORD, R. W., and HIRST, R. J.: *Human Senses and Perception*, 222

BORNSTEIN, B. *See* ELIAN, Marta, 474
BOSTRÖM, H. *See* LARSSON, K. S., 602
BOWER, B. D.: Infantile spasms and hypsarrhythmia or hypsarhythmia, 329 (L)
— Pyridoxine, tryptophan and epilepsy, 73
BOWES, B.: *Natural*, 211
Brain abscess in childhood, 433
— bilateral ventricular and subdural shunt with Holter valve (abstr.), 598
— calcification, in cytomegalic inclusion disease (abstr.), 232
— centrencephalon, epilepsy arising in, 702
— cerebral lipid composition in Krabbe's disease (abstr.), 730

— damage, auditory-visual integration in brain-damaged and normal children, 135
— — early, significance in childhood neurosis (abstr.), 114
— — in asphyxia, studies on prevention, 607
— drug action in, 577
— gigantism in childhood (abstr.), 228
— injury, minimal, training and special education in, 88
— — organic, association with autism, 522
— intraventricular haemorrhage, 566
— lesions, primary, etiologic significance in hypoglycaemia and seizures in childhood (abstr.), 110
— long-standing decompression in children with hydrocephalus and meningomyelocele, intracranial effects, 302
— maturation of, 209
— middle artery, perinatal occlusion, 235
— parietal cephaloceles (abstr.), 345
— posterior cranial fossa, clinical picture and treatment of acute inflammation following operations on in children (abstr.), 733
— spongy degeneration, 322
— swelling in acute purulent meningitis, 321
— transillumination of skull in diagnosis of intracranial disease in children up to three years of age, 634
— tumours of cerebral hemisphere in infancy and childhood, 705
— tyrosine alpha-oxoglutarate transaminase levels in immature and adult rat, 392
Brain-stem, birth injury, 90
BRAUNER, F.: Observations on the tolerance to neuroleptics in mentally deficient children in a semi-open milieu (abstr.), 231
BRAUN-FALCO, O., and GEISSLER, H.: Skin changes in phenylketonuria (abstr.), 110
BRAY, P. F., and WISER, W. C.: Evidence for a genetic etiology of temporal-central abnormalities in focal epilepsy (abstr.), 470
BROCK, E.: *Let's Burn Lady Chatterley*, 565
BROWNE, Sir Denis: Pedunculated spina bifida cystica, 295
BROWNJOHN, A.: *No Good*, 475
BRUHL, H. H., ARNESEN, J. P., and BRUHL, M. G.: Effect of a low-phenylalanine diet on older phenylketonuria patients (abstr.), 230
BRUHL, M. G. *See* BRUHL, H. H., 230
BRYANT, J. S. *See* HECT, F., 466
Bukovina, congenital toxoplasmosis in (abstr.), 474
BUTLER, N. R. *See* ARDRAN, G. M., 157
BUTLER, T. C.: Cerebral and hepatic tyrosine alpha-oxoglutarate transaminase in immature and adult rat, 392

CAMERON, H. M. *See* ADAMS, J. H., 468
CARTER, M. P.: A probable epidemic of congenital hydrocephalus in 1940–1941, 61
— and WILSON, F.: Antibiotics in early pregnancy and congenital malformations, 353
CASTOR, J. *See* MALAMUD, N., 227
Central nervous system. *See* Nervous system, central
Centre d'Éducation pour Enfants Invalides, work of, 350
Cephaloceles, parietal (abstr.), 345
Cerebral palsy, ankle jerk in, 65
— — athetoid, surgery in, 85
— — classification and terminology, 91
— — development of baseline records in, 89
— — energy expenditures and dietary intakes in, 377
— — etiologic and diagnostic study of (abstr.), 227
— — fractures in, 87
— — hip and knee deformities of lower extremity in, correction of, 89
— — in young adults, 269
— — often overlooked dimensions in, 709 (L)
— — prevention, 86
— — severe, psychotherapy in girl of 18 years, 175
— — valgus and varus deformities of foot in, calcaneal osteotomy for, 87
Children, acute focal neurologic disorders of, 85
— acute neurologic disorders, 507
— African, psychomotor and somatic development (abstr.), 112
— arachnodactyly in (abstr.), 734
— athetoid cerebral palsied, surgery in, 85
— brain abscess in, 433
— brain-damaged, auditory-visual integration in, 135
— cerebral palsied, auditory-visual integration in, 135
— — — diazepam in (abstr.), 731
— — — energy expenditures and dietary intakes in, 377
— — — post-operative disturbances in, 360
— — — sensory and perceptual deficits in, 90
— deaf, screening for metabolic disorders in, 705
— death and, 693
— effects of malnutrition on growth (abstr.), 469
— emotionally disturbed, use of Initial Teaching Alphabet in, 212 (L)
— endangered, birth management in (abstr.), 727
— enuretic, families of, 658
— — — culture, structure and organisation, 663
— — — type and age, 658
— epileptic, tryptophan-tolerance tests and pyridoxine metabolism in, 50
— fatigue in, 79
— gigantism, cerebral, in (abstr.), 228
— handicapped, medical education on, 477
— — report of a Royal Society of Medicine symposium, 447
— hearing tests in, physiological bases of objective tests, 410
— hypoglycaemia and seizures in, etiologic significance of primary cerebral lesions (abstr.), 110
— lead poisoining in, 529, 569
— mentally retarded and neurotic, developmental comparisons (abstr.), 348
— — — screening for metabolic disorders in, 705
— — — tolerance to neuroleptics in (abstr.), 231
— obesity in, 77
— perceptual, coding, visuomotor and spatial difficulties, their neurological correlates, 543
— phenylketonuric, osteodystrophy due to low phenylalanine diet in (abstr.), 730
— psychosis, influence of organic and emotional factors on origins, nature and outcome of, 518
— psychotic, tryptophan metabolism in, 46
— retarded, teaching severely retarded to walk, 549
— spastic, cholinesterase levels in (abstr.), 731

— urinary diversion in, 167
— with disorders of language development, association method of teaching, 575
— with early school problems, neurological assessment, 145
— with petit mal, neurochemical and pharmacological studies (abstr.), 111
CHINN, E. R. *See* SMITHELLS, R. W., 258
CHISOLM, J. J.: Chronic lead intoxication in children, 529
Cholinesterase levels in spastic children (abstr.), 731
Chorea, Sydenham's. *See* Sydenham's chorea
CHRISTOFF, N.: Development of human skeletal muscle, 710 (L)
Chromatin, sex, in newborn (abstr.), 600
Chromosomes, analyses in families with mongolism in more than one member (abstr.), 466
— non-randomness of chromosomal abnormalities, association of trisomy and Down's syndrome (abstr.), 466
CHURCHILL, J. A.: Relationship between intelligence and birth weight in twins (abstr.), 728
Circulation, utero-placental, historical observations on, 178
CLAYTON-JONES, E.: Report of the eighteenth annual meeting of the American Academy for Cerebral Palsy, 84
— MAC KEITH, R. C., and BAX, M. C. O.: Classification and terminology of cerebral palsy, 91
Cleft palate, risk of recurrence, 328 (L)
COCKER, J., GEORGE, S. W., and YATES, P. O.: Perinatal occlusion of the middle cerebral artery, 235
Conception following maternal rubella, virologic and serologic studies on products of (abstr.), 345
Conferences. *See under* Congresses

CONGRESSES
Australian Cerebral Palsy Association, seventh medical and educational conference, Brisbane, 1963, 333
Child Psychiatry, sixth international congress, 476

Convulsions, experimental, in abdominal epilepsy (abstr.), 346
— in children, control by administration of inhalation anaesthesia with nitrous oxide (abstr.), 230
— neonatal, 706
— — prognostic value of electroencephalogram in (abstr.), 600
Copper balance studies in Wilson's disease (abstr.), 730
Corticotrophin, EEG observations in children with infantile spasms treated with (abstr.), 343
COTTON, Ester: Institute for Movement Therapy and School for 'Conductors', Budapest, Hungary; report on study visit to, 437
CRABBE, W. A.: Iliopsoas transplantation in paralytic dislocation of the hip, 429
CRAWFORD, J. D. *See* SOTOS, J. F., 228
Cri du chat syndrome, 423, 453 (L), 454 (L)
CROME, L.: Diffuse demyelinating diseases, 202
— Spongy degeneration of the brain, 322
CUMINGS, J. N.: Tay-Sachs' disease with variations, 199
— and ROZDILSKY, B.: Cerebral lipid composition of brain in six cases of Krabbe's disease (abstr.), 730
Current articles on developmental medicine, child neurology, cerebral palsy and kindred subjects, 115, 223, 338, 462, 591, 722
CURRO DOSSI, B., PAVONI, M., and PINCA, A.: Importance of electroencephalography in neonatal period (abstr.), 727
CUTLER, R. *See* HEIMER, C. B., 109
Cytomegalic inclusion disease, micropolygyria and cerebral calcification in (abstr.), 232
Czechoslavakia, paediatric neurology in, 326

DAWES, G. S.: The amniotic fluid, 201
DAWKINS, M.: Biology of prematurity, 74
DAY, R. *See* WEBER, W. W., 229
DAYTON, G. O. *See* JONES, M. H., 88
Deafness, congenital goitre associated with, 399
— ectopic canthus and white forelock associated with, 397
— hereditary nephritis associated with, 402
— hereditary syndromes which include, 395
— osteogenesis imperfecta and blue sclerotics associated with, 400
— retinitis pigmentosa associated with, 396
— screening for metabolic disorders in deaf children, 705
— trisomic syndromes associated with, 403
DEAN, R. F. A.: Effects of malnutrition, especially of slight degree, on growth of young children (abstr.), 469
— *See* GEBER, M., 112
Death, psychology of dying child, 693
DeLange's Amsterdam dwarfs syndrome. *See* Typus degenerativus Amstelodamensis
Demyelinating diseases, diffuse, 202
DE MYER, W., ZEMAN, W., and PALMER, C. G.: The face predicts the brain; diagnostic significance of median facial anomalies for holoprosencephaly (arhinencephaly) (abstr.), 349
DENHOFF, E.: Bridges to burn and to build; presidential address to American Academy for Cerebral Palsy, 3
Dermatoglyphics of congenital malformations, 568
Dermatoglyphics News Bulletin, 736
DESMOND, M. M. *See* DOTSON, E., 112
Development, human, histamine in, 278
— normal, hydranencephaly with, 628
— relation to environment, 319
DE VRIES, E.: The acute encephalopathic reaction in infants: a study of autopsy cases following smallpox vaccination and other toxi-infectious conditions (abstr.), 732
— and AMIR, A. P.: An atrophic type of amaurotic idiocy (abstr.), 113
Diabetes, maternal, congenital malformations in babies of diabetic mothers, 78
Dianabol. *See* Methandrostenolone
Diazepam in incapacitated cerebral palsied children (abstr.), 731
Diet, low-phenylalanine, effect on older phenylketonuria patients (abstr.), 230
— — osteodystrophy in children due to (abstr.), 730
Dietary intakes in cerebral palsied children, 377

DITTRICH, J. K.: Osteodystrophy as a consequence of low phenylalanine diet. I. Clinical and radiological observations in children with phenylketonuria (abstr.), 730
DODGE, J. A.: DeLange's Amsterdam dwarfs syndrome, 31
DODGE, P. R.: Technique of transillumination of skull, 696
— *See* SOTOS, J. F., 228
DODINVAL, P. *See* DODINVAL-VERSIE, J., 346
DODINVAL-VERSIE, J., DODINVAL, P., MALCHAIR, R., and MOUREAU, P.: Detection of carrier state for phenylketonuria in familial genetic investigations (abstr.), 346
DOMNIO, G., and NEWMAN, D.: Relationship of physical stigmata to intellecual subnormality in mongoloids (abstr.), 467
DOTSON, E., and DESMOND, M. M.: Evaluation of muscle tonus in the newborn (abstr.), 112
Down's syndrome. *See* Mongolism
DRAGE, J. S., KENNEDY, C., and SCHWARZ, B. H.: Apgar score as an index of neonatal mortality (abstr.), 228
— *See* PADDISON, R., 89
DRUCKMAN, R. *See* FRENCH, J. H., 734
Drugs, action in the brain, 577
DUBOWITZ, V.: Asymmetrical Moro response in neurologically normal infants, 244
— Muscular dystrophy and related disorders (abstr.), 733
— Nerve conduction velocities in premature and full-term infants, 426
DUDGEON, J. A.: More light on rubella and congenital defects, 196
DUNN, H. G.: Those double R's, 213 (L)
— and MILLER, J. R.: 'Is this a syndrome?', 212 (L), 454 (L)
DUNN, P. M.: Some perinatal observations on twins, 121
Dyslexia, recent studies of, 574
Dysphagia, congenital, resulting from dysfunction of pharyngeal musculature, 157
Dystrophy, muscular, and related disorders (abstr.), 733
— — current research in, 205
— neuroaxonal, in mucoviscidosis (abstr.), 344

ECKSTEIN, H. B.: Urinary diversion in children; a review of 148 patients with special reference to the neurogenic bladder, 167
EDDY, T. P., NICHOLSON, A. L., and WHEELER, E. F.: Energy expenditures and dietary intakes in cerebral palsy, 377

EDITORIALS
American Academy for Cerebral Palsy, problems and opportunities confronting, 603
Medical education on the handicapped child, 477
Mental retardation, research into problems and causes, 233, 451 (L), 452 (L)
Prevention, opportunities for, 351
Research is essential, 119
Value of the fourth dimension, 1

Education for disabled children in France, 350
— in minimal brain injury, 88
— medical, on handicapped child, 477
Edwards' syndrome. *See* Trisomy 17–18 (E)
EFRON, M. L., and MAC CREADY, R. A.: Phenylketonuric families, 468
Ehlers-Danlos syndrome, heredity of (abstr.), 601
EIDENBENZ, R.: Sex chromatin body in the newborn (abstr.), 600
Ekman-Lobstein syndrome. *See* Osteogenesis imperfecta associated with blue sclerotics and deafness
Electroencephalogram in neonatal convulsions, prognostic value (abstr.), 600
— neonatal, maturational changes and abnormalities in, 498
— of human foetuses, effect of transfusion with oxygenated blood on (abstr.), 474
Electroencephalography in children with infantile spasms treated with ACTH (abstr.), 343
— in infantile spasms, 707
— in neonatal period, importance of (abstr.), 727
— in Sydenham's chorea (abstr.), 474
ELIAN, Marta, and BORNSTEIN, B.: EEG aspects in Sydenham's chorea (abstr.), 474
ELLIS, H. L. *See* ARDRAN, G. M., 157
EMERY, J. L.: Intracranial effects of longstanding decompression of brain in children with hydrocephalus and meningomyelocele, 302
Emotion, problems associated with mental retardation (abstr.), 735
Encephalo-enteritis acuta infectiosa (abstr.), 472
Encephalopathic reaction, acute, in infants, following smallpox vaccination and other toxi-infectious conditions (abstr.), 732
Energy expenditures in cerebral palsied children, 377
ENGEL, R.: Maturational changes and abnormalities in the newborn electroencephalogram, 498
ENGEL, R. C. H. *See* PADDISON, R., 89
Enuresis, families of enuretic children, 658
— nocturnal, conditioning treatment, 557
— — emotional factors in, 563
Environment, relation to development, 319
Epilepsy, abdominal, experimental or 'reflex' induction of seizures in (abstr.), 346
— centrencephalic, 702
— focal, genetic etiology of temporal-central abnormalities in (abstr.), 470
— foetal (abstr.), 470
— 1-methyl-5:5-phenylethylhydantoin in, 189
— petit mal, natural history, 537
— — — neurochemical and pharmacological studies in children with (abstr.), 111
— pyridoxine and tryptophan metabolism in, 50, 74
— temporal lobe, 'ospolot' in (abstr.), 471
Erb's palsy due to ischaemia of spinal cord (abstr.), 468
ERHARDT, C. L. *See* YERUSHALMY, J., 467
ESCAMILLA, R. F. *See* HUTCHINGS, J. J., 600
ETHERIDGE, J. E., and MILLICHAP, J. G.: Hypoglycaemia and seizures in childhood, etiologic significance of primary cerebral lesions (abstr.), 110
EVANS, E. B., and JULIAN, J. D.: Modifications of the hamstring transfer operation, 86

Face, median anomalies, diagnostic significance for holoprosencephaly (abstr.), 349
Fatigue in young children, 79
FENICHEL, G. M.: Development of human skeletal muscle, 69, 710 (L)

FIRSOVA, V. A. *See* YELUFIMOVA, V. F., 111
FISCH, L.: Better hearing tests in children; physiological bases of objective tests, 410
Foetus, effect of reduction in severe toxaemia of pregnancy on foetal salvage, 52
— effect of streptomycin, isonicotinic acid hydrazide and p-aminosalicylic acid on (abstr.), 347
— effect of transfusion with oxygenated blood on electroencephalogram of (abstr.), 474
— epilepsy of (abstr.), 470
— maternal constraint of foetal growth in man, 479
FONAREV, M. I. *See* ABEZGAUZ, A. M., 734
Foot, valgus and varus deformities in cerebral palsy, calcaneal osteotomy for, 87
FORSHAM, P. H. *See* HUTCHINGS, J. J., 600
Fractures in cerebral palsy, 87
France, special education for disabled children in, 350
FREEDMAN, A. M. *See* HEIMER, C. B., 109
FRENCH, J. H., GRUETTER, B. B., DRUCKMAN, R., and O'BRIEN, D.: Pyridoxine and infantile myoclonic seizures (abstr.), 734
FUJII, T. *See* KOMIYA, H., 706

GAMSTORP, Ingrid: Clinical evaluation of an anabolic steroid (methandrostenolone, dianabol) in children with muscular weakness and wasting (abstr.), 347
— Clinical applications of nerve conduction velocity, 427
Ganda, psychomotor and somatic development of young children in (abstr.), 112
GANS, B., and THURSTON, J. G. B.: DeLange's Amsterdam dwarfs syndrome, 42
GARDESTRÖM, L. *See* KARLSSON, B., 269
GARDNER, D. G., and ZEMAN, W.: Biopsy of the dental pulp in diagnosis of metachromatic leucodystrophy, 620
GASTAUT, H., and POIRIER, F.: Experimental or 'reflex' induction of seizures: report of a case of abdominal (enteric) epilepsy (abstr.), 346
GAYRAL, L., ROUX, G., and TURNIN, J.: Latent neurovegetative disorders during cures with neuroleptics; incidents and accidents in children and adolescents (abstr.), 231
GEBER, M., and DEAN, R. F. A.: Psychomotor and somatic development of young African children in Ganda (abstr.), 112
GEISSLER, H. *See* BRAUN-FALCO, O., 110
GEORGE, S. W. *See* COCKER, J., 235
Gestation and birth weight as indices of immaturity (abstr.), 467
GIBBS, F. A.: Infantile spasms and hypsarrhythmia or hypsarhythmia, 329 (L)
Gigantism, cerebral, in childhood (abstr.), 228
Glossogram in children with delayed development of speech, 706
Goitre, congenital, associated with deafness, 399
GOLDIE, L.: Light-induced seizures, 701
— Sleep cycles in premature infants, 317
GOLDSTEIN, N. P., RANDALL, R. V., GROSS, J. B., and MCGUCKIN, W. F.: Copper balance studies in Wilson's disease (abstr.), 730
Gonads, dysgenesis, human growth hormone (Li) in (abstr.), 600
GOODMAN, H. O.: Phenotypic shifts in trisomy (abstr.), 729
GOODWIN, R. S. *See* BARNET, A. B., 601
GORDON, N.: Association method of teaching children with disorders of language development, 575
— Centrencephalic epilepsy—does it exist?, 702
— Natural history of petit mal epilepsy, 537
GORDON, R. R.: Cri du chat syndrome, 423, 453 (L)
GREER, H. D., and WALTZ, A. G.: Acute focal neurologic disorders of infancy and childhood, 85
— — Acute neurologic disorders of infancy and childhood, 507
GROSS, J. B. *See* GOLDSTEIN, N. P., 730
Growth hormone, human (Li), in gonadal dysgenesis (abstr.), 600
— — role in infancy, 700
GRUBER, D. *See* HECT, F., 466
GRUENWALD, P.: Terminology of infants of low birth weight, 578
GRUETTER, B. B. *See* FRENCH, J. H., 734
GUDZENKO, P. N., and KLEYF, A. D.: Congenital toxoplasmosis in the Bukovina (abstr.), 474

HABASHI, H. H. *See* MALAMUD, N., 227
Haemorrhage, intraventricular, 566
HAGBERG, B., HAMFELT, A., and HANSSON, O.: Trytophan tolerance tests and vitamin B6 (pyridoxine) metabolism in epileptic children, 50
HALL, B.: Delayed ontogenesis in human trisomy syndromes (abstr.), 729
HAMFELT, A. *See* HAGBERG, B., 50
Hamstring transfer operation, modifications of, 86
HANADA, M. *See* KUROMARU, S., 706
Handicapped, care and training of handicapped child; report of a Royal Society of Medicine symposium, 447
— medical education on the handicapped child, 477
HANSEN, E.: Recent studies of dyslexia, 574
HANSSON, O. *See* HAGBERG, B., 50
HARKMARK, W. *See* JØRGENSEN, L., 229
HARRIS, R.: Some EEG observations in children with infantile spasms treated with ACTH (abstr.), 343
HARUMOTO, T. *See* ISSIKI, G., 705
HAUG, H. *See* KAFFERNIK, H., 601
Hearing tests in children, physiological bases of objective tests, 410
HECT, F., BRYANT, J. S., GRUBER, D., and TOWNES, P. L.: Non-randomness of chromosomal abnormalities: association of trisomy and Down's syndrome (abstr.), 466
HEELEY, A. F., and ROBERTS, G. E.: Tryptophan metabolism in psychotic children, 46
HEIMER, C. B., CUTLER, R., and FREEDMAN, A. M.: Neurological sequelae of premature birth: the relationship to prenatal and neonatal complications, birth-weight and sex (abstr.), 109
Hepato-lenticular degeneration, copper balance studies in (abstr.), 730
Hereditary syndromes that include deafness, 395
HEYWOOD, H. B. *See* HILL, L. M., 89
HIGGINS, R.: Psychological effects of treating congenital disorders in hospital, 435
HILL, L. M., BAKER, L. D., RHANGOS, W., and HEYWOOD, H. B.: Further observations on correction of hip and knee deformities of lower extremity in cerebral palsy, 89
Hip deformities in cerebral palsy, correction, 89

— paralytic dislocation, iliopsoas transplantation in, 429
Histamine in human development, 278
— in pregnancy, 279
— metabolism, 278
HODOSI, J. *See* KEMENY, P., 230
HOLLO, A.: *A Free Man*, 327
Holoprosencephaly, diagnostic significance of median facial anomalies for (abstr.), 349
HOLT, K. S.: Tests for neurometabolic disorders, 689
HOLT, Sarah B.: Dermatoglyphics of congenital malformations, 568
Holter valve, bilateral ventricular and subdural shunt with (abstr.), 598
Hospitals, psychological effects of treating congenital disorders in, 435
HUTCHINGS, J. J., ESCAMILLA, R. F., LI, C. H., and FORSHAM, P. H.: Li human growth hormone administration in gonadal dysgenesis (abstr.), 600
Hyaline membrane disease, experimental model for (abstr.), 109
Hydranencephaly (abstr.), 344
— with normal development, 628
Hydrocephalus, bilateral ventricular and subdural shunt with Holter valve (abstr.), 598
— congenital, 290
— — probable epidemic in 1940–1941, 61
— consecutive (abstr.), 472
— due to maternal smallpox (abstr.), 597
— intracranial effects of long-standing decompression of brain in children with, 302
— neonatal, without spina bifida, aetiology, 289
— rate of exchange of ^{24}Na and other ions between plasma and cerebrospinal fluid in, 310
— review of modern methods of treatment (abstr.), 471
— ventriculostomy reservoir in treatment of, 296
Hypertonia of skeletal muscle, 323
Hyperlysinemia (abstr.), 343
Hypertension, intracranial, acute benign, in infant receiving tetracycline, 677
Hypoglycaemia and seizures in childhood, etiologic significance of primary cerebral lesions (abstr.), 110
Hypothyroidism, congenital, intellectual disturbance in children suffering from (abstr.), 599
Hypsarrhythmia, infantile spasms with (abstr.), 470
— — — — neuropathological findings in, 707
— — — — trytophan metabolism in, 707
— or hypsarhythmia, 204, 329 (L)

Idiocy, atrophic amaurotic (abstr.), 113
Iliopsoas transplantation in paralytic dislocation of hip, 429
ILIYA, F. *See* ABDUL-KARIM, R., 472
Infants, acute focal neurologic disorders of, 85
— acute neurologic disorders, 507
— full-term, nerve conduction velocities in, 426
— hydrocephalic, rate of exchange of ^{24}Na and other ions between plasma and cerebrospinal other ions between plasma and cerebrospinal fluid in, 310
— neurologically normal, asymmetrical Moro response in, 244
— newborn, convulsions, 706
— — — prognostic value of electroencephalogram in (abstr.), 600
— — electroencephalography in, importance of (abstr.), 727
— — Erb's palsy due to ischaemia of spinal cord in (abstr.), 468
— — evoked electroencephalographic responses to clicks in (abstr.), 601
— — index of (abstr.), 599
— — maturational changes and abnormalities in electroencephalogram of, 498
— — mortality, Apgar score as index of (abstr.), 228
— — muscle tonus in, evaluation (abstr.), 112
— — occlusion of middle cerebral artery in, 235
— — oxygen therapy in, dosage and risks (abstr.), 728
— — sex chromatin body in (abstr.), 600
— of diabetic mothers, congenital malformations in, 78
— of low birth weight, terminology, 578
— premature, age and size of, 75, 330 (L)
— — nerve conduction velocities in, 426
— — sleep cycles in, 317
— role of growth hormone in, 700
— spasms. *See* Spasms, infantile
INGRAM, T. T. S.: Research and the mentally retarded, 451 (L)
Initial Teaching Alphabet, use in emotionally disturbed children, 212 (L)
Institute for Movement Therapy and School for 'Conductors', Budapest, Hungary; report on a study visit to, 437
Intelligence in twins, relationship to birth weight (abstr.), 728
Ions, rate of exchange between plasma and cerebrospinal fluid in normal subjects and hydrocephalic infants, 310
'Is this a syndrome?', 212 (L), 454 (L)
ISKANDAR, G. *See* ABDUL-KARIM, R., 472
ISLER, W.: Foetal epilepsy (abstr.), 470
Isonicotinic acid hydrazide during pregnancy, effect on foetus (abstr.), 347
ISSIKI, G., YAMAGATA, H., HARUMOTO, T., OURA, T., and TAKAI, T.: Screening for metabolic disorders in mentally retarded and deaf children, 705

JACOBSON, F. *See* KARLSSON, B., 269
JACOBZINER, H. *See* YERUSHALMY, J., 467
JANSEN, G. *See* JONES, M. H., 88
Japanese Society of Paediatric Neurology, fifth annual meeting, Nagoya, 1965, 705
JONES, M. H., DAYTON, G. O., JANSEN, G., and STROMMEN, E. A.: Pilot study of reading problems in cerebral palsy adults, 88
JØRGENSEN, L., HARKMARK, W., BLACKSTAD, T. W., and STEEN, J. A.: Niemann-Pick's disease; report of a case with histochemical evidence of neuronal storage of acid glycolipids abstr.), 229

JOURNALS
Dermatoglyphics News Bulletin, 736
Special Education and *Spastics Quarterly*, merger of, 350

JUCHEMS, R. *See* KAFFERNIK, H., 601
JULIAN, J. D. *See* EVANS, E. B., 86

KAFFERNIK, H., HAUG, H., and JUCHEMS, R.: Heredity of the Ehlers-Danlos syndrome (abstr.), 601
KARLSSON, B., GARDESTRÖM, L., NORDQVIST, I., and JACOBSON, F.: Cerebral palsy in young adults; a socio-medical study with special regard to employment problems, 269
KEMENY, P., HODOSI, J., and SZANTO, I.: Control of prolonged convulsive seizures in childhood by administration of inhalation anaesthesia with nitrous oxide (abstr.), 230
KENNEDY, C. *See* DRAGE, J. S., 228
Kernicterus, experimental, in puppies, 84
KEUTH, U.: Dosage and risks of oxygen therapy in the postnatal period (abstr.), 728
KHOKHLOVA, Z. E., KRUPINA, T. N., and YAKUNIN, Y. A.: Subacute sudanophil leucodystrophy of the Pelizaeus-Merzbacher type (abstr.), 473
KIENAST, D. *See* VIVELL, O., 472
KIRMAN, B.: Fatigue in young children, 79
— Natural history of phenylketonuria, 81
— The handicapped child: report of a Royal Society of Medicine symposium, 447
KITABATAKE, M.: Two cases of periodic somnolence (Kleine-Levin), 706
Kleine-Levin syndrome. *See* Somnolence, periodic
KLEYF, A. D. *See* GUDZENKO, P. N., 474
Knee deformities in cerebral palsy, correction, 89
KOMIYA, H., and FUJII, T.: Neonatal convulsions, 706
Krabbe's disease, cerebral lipid composition of brain in (abstr.), 730
KRUPINA, T. N. *See* KHOKHLOVA, Z. E., 473
KUROMARU, S., OKADA, S., HANADA, M., and UCHIDA, S.: Some glossogram findings in children with delayed development of speech, 706
KUWABARA, T., TERAO, H., SEKINO, H., and MAYANAGI, Y.: Tumours of cerebral hemisphere in infancy and childhood, 705

LA-1 in myoclinic seizures of infancy and childhood (abstr.), 231
Language development, disorders, association method of teaching children with, 575
LARSSON, K. S., and BOSTRÖM, H.: Teratogenic action of salicylates related to the inhibition of mucopolysaccharide synthesis (abstr.), 602
LAWRIE, R.: Congenital anomalies of anus and rectum, 199
Lead poisoning, chronic, in children, 529, 569
Leber's optic atrophy associated with sex-linked heredo-degenerative neurological disorder (abstr.), 466
LEJEUNE, J.: Cri du chat syndrome, 454 (L)
LEMPP, R.: Significance of early brain-damage in childhood neurosis (abstr.), 114
LENDING, Miriam: Experimental production of kernicterus in puppies, 84
LESNÝ, I.: Paediatric neurology in Czechoslovakia, 326
LESSOF, M. H.: Role of growth hormone in infancy, 700
Leucodystrophy, metachromatic, biopsy of dental pulp in diagnosis of, 620
— subacute sudanophil of Pelizaeus-Merzbacher type (abstr.), 473
LI, C. H. *See* HUTCHINGS, J. J., 600
Light-induced seizures, 701
LIPKIN, L. E. *See* PADDISON, R., 89
LITCHMAN, M. H. *See* SILVER, C. M., 87
Liver, tyrosine alpha-oxoglutarate transminase levels in immature and adult rat, 392
Liverpool, incidence of spina bifida in, 258
LORBER, J.: Family history of spina bifida cystica (abstr.), 597
— Hydranencephaly with normal development, 628
— and BASSI, U.: Aetiology of neonatal hydrocephalus (excluding cases with spina bifida), 289
LOWRY, R. B., and MILLER, J. R.: Risk of recurrence in cleft palate, 328 (L)
LUCAS, A. R., RODIN, E. A., and SIMSON, C. B.: Neurological assessment of children with early school problems, 145

MACAULAY, M. E., and MACMILLAN, M.: The concept of mental age and maturation, 419
— — Teaching severely retarded children to walk, 549
MAC CREADY, R. A. *See* EFRON, M. L., 468
MCGUCKIN, W. F. *See* GOLDSTEIN, N. P., 730
MCIVOR, W. C., and SAMILSON, R. L.: Fractures in cerebral palsy, 87
MAC KEITH, R. C.: Infantile spasms and hypsarrhythmia or hypsarhythmia, 204, 329 (L)
— Medical education on the handicapped child, 477
— Opportunities for prevention, 351
— Research and the mentally retarded, 233, 451 (L), 452 (L)
— Research is essential, 119
— Value of the fourth dimension, 1
— *See* CLAYTON-JONES, E., 91
MCKENDRICK, T. *See* ARDRAN, G. M., 157
MCLAURIN, R. L.: Parietal cephaloceles (abstr.), 345
MACMILLAN, M. *See* MACAULAY, M. E., 419, 549
MALAMUD, N., HABASHI, H. H., CASTOR, J., and MESSINGER, H. B.: Etiologic and diagnostic study of cerebral palsy (abstr.), 227
MALCHAIR, R. *See* DODINVAL-VERSIE, J., 346
Malformations, congenital, dermatoglyphics of, 568
— — due to antibiotics in early pregnancy, 353
— — due to salicylates (abstr.), 602
— — in babies of diabetic mothers, 78
— — of anus and rectum, 199
— — relation to maternal rubella, 196
Malnutrition, effects on growth of young children (abstr.), 469
MAMUNES, P. *See* WEBER, W. W., 229
Marfan's syndrome. *See* Arachnodactyly
Marinesco-Sjögren syndrome, 249
MARKHAM, C. H.: Treatment of myoclinic seizures of infancy and childhood with LA-1 (abstr.), 231
MARSH, H. O.: Diazepam in incapacitated cerebral palsied children (abstr.), 731
MARTIUS, G.: Birth management in endangered children (abstr.), 727
MATSON, D. D.: Hydrocephalus: current concepts (abstr.), 471
Maturation and mental age, 419
MAYANAGI, Y. *See* KUWABARA, T., 705

MAZUR, R.: Transillumination of skull in diagnosis of intracranial disease in children up to 3 years, 634
Mediterranean Symposium on Cerebral Palsy, Rome, 1965, 350, 476
MELCHIOR, J. C.: Clinical use of serum determinations of phenytoin and phenobarbital in children, 387
Meningitis, acute purulent, brain swelling in, 321
— tuberculous, in children, long-term results of treatment with metazid, PAS and streptomycin without resort to subarachnoid injections (abstr.), 111
Meningomyelocele, intracranial effects of long-standing decompression of brain in children with, 302
MENOLASCINO, F. J.: Emotional disturbance and mental retardation (abstr.), 735
Mental age and maturation, 419
Mental retardation, emotional disturbance associated with (abstr.), 735
— — in mongoloids, relation to physical stigmata abstr.), 467
— — research into problems and causes, 233, 451 (L), 452 (L)
— — screening for metabolic disorders in, 705
Mental subnormality, association with autism, 520
MESSINGER, H. B. *See* MALAMUD, N., 227
Metabolism, disorders, screening for in mentally retarded and deaf children, 705
— tests for neurometabolic disorders, 689
Metachromatic leucodystrophy. *See* Leucodystrophy, metachromatic
Methandrostenolone in children with muscular weakness and wasting (abstr.), 347
1-Methyl-5:5-phenylethylhydantoin in epilepsy, 189
Micropolygyria in cytomegalic inclusion disease (abstr.), 232
MIGLIORE, A., PAOLETTI, P., and VILLANI, R.: Rate of exchange of 24Na and other ions between plasma and cerebrospinal fluid in normal subjects and hydrocephalic infants, 310
MILLER, Faith S. *See* MILLER, J. A., 607
MILLER, J. A.: Is cerebral palsy preventable?, 86
— and MILLER, Faith S.: Studies on prevention of brain damage in asphyxia, 607
MILLER, J. R. *See* DUNN, H. G., 212
— *See* LOWRY, R. B., 328
MILLER, P. *See* WEBER, W. W., 229
MILLICHAP, J. G.: Neurochemical and pharmacological studies in children with petit mal (abstr.), 111
— *See* ETHERIDGE, J. E., 110
MIRONOVICH, N. I.: Clinical picture and treatment of acute inflammation following operations on the posterior cranial fossa in children (abstr.), 733
MITCHELL, R. G.: Histamine in human development, 278
— Intraventricular haemorrhage, 566
MIZUNO, T.: Tryptophan metabolism in infantile spasms with hypsarrhythmia, 707
MIZUTANI, I. *See* SUZUKI, Y., 707
Mongolism, association of trisomy with (abstr.), 466
— diagnosis, 285
— genetic studies and chromosomal analyses in families with mongolism in more than one member (abstr.), 466
— relationship of physical stigmata to intellectual subnormality in mongoloids (abstr.), 467
Morquio's disease, 432
Moro response, asymmetrical, in neurologically normal infants, 244
MOUREAU, P. *See* DODINVAL-VERSIE, J., 346
Mucopolysaccharide synthesis, teratogenic action of salicylates related to inhibition of (abstr.), 602
Mucoviscidosis, neuroaxonal dystrophy in (abstr.), 344
MUIRHEAD, D. *See* SOTOS, J. F., 228
Muscle tone in newborn, evaluation of (abstr.), 112
Muscles, development of human skeletal muscle, 69, 710 (L)
— dystrophy. *See* Dystrophy, muscular
— pharyngeal, dysfunction, congenital dysphagia resulting from, 157
— skeletal, hyertonia, 323
— weakness and wasting, clinical evaluation of methandrostenolone in children with (abstr.), 347
Muscular Dystrophy Group of Great Britain, symposium on current research in muscular dystrophy, 205
Myelomeningoceles, ventriculostomy reservoir in treatment of, 296
Myoclinic seizures of infancy and childhood, treatment with LA-1 (abstr.), 231

24Na, rate of exchange between plasma and cerebrospinal fluid in normal subjects and hydrocephalic infants, 310
National Institute of Neurological Diseases and Blindness, symposium on cerebral palsy, neurological and sensory disorders of infancy and childhood, 89
NEALE, A. V.: Utero-placental circulation: historiae fides. II., 178
NEKONISHI, H. *See* OETTINGER, L., 189
NELIGAN, G. A.: Age and size of premature infants, 75, 330 (L)
Neonatal index (abstr.), 599
— mortality, Apgar score as index of (abstr.), 228
Nephritis, hereditary, associated with deafness, 402
Nerve conduction velocity, clinical applications, 427
— — — in premature and full-term infants, 426
Nervous system, acute disorders of infancy and childhood, 507
— — acute focal disorders of infancy and childhood, 85
— — central, sex-linked heredodegenerative neurological disorder associated with Leber's optic atrophy (abstr.), 466
— — — sites and mechanism of drug action in, 577
— — — spongy degeneration, 322
— — neurovegetative, latent disorders in children and adolescents during treatment with neuroleptics (abstr.), 231
— — regional, maturation of, 209
Neuroaxonal dystrophy in mucoviscidosis (abstr.), 344
Neuroleptics, latent neurovegetative disorders in children and adolescents during treatment with (abstr.), 231
— tolerance to in mentally deficient children (abstr.), 231
Neurology, paediatric, in Czechoslovakia, 326

— — report of fifth annual meeting of the Japanese Society of Paediatric Neurology, 705
Neurometabolic disorders, tests for, 689
Neurosis, childhood, significance of early brain-damage in (abstr.), 114
NEVA, F. A. *See* ALFORD, C. A., 345
NEWMAN, D. *See* DOMNIO, G., 467
NICHOLSON, A. L. *See* EDDY, T. P., 377
Niemann-Pick's disease, neuronal storage of acid glycolipids in (abstr.), 229
Nitrous oxide inhalation in control of prolonged convulsive seizures in childhood (abstr.), 230
NORDQVIST, I. *See* KARLSSON, B., 269
Nucleus ambiguus dysgenesis, congenital laryngeal abductor paralysis due to (abstr.), 348
Nutrition, problems in cerebral palsied children, 377

Obesity in children, 77

OBITUARIES
Sandifer, Paul Harmer, 93

O'BRIEN, D. *See* FRENCH, J. H., 734
O'DOHERTY, N. J.: Acute benign intracranial hypertension in infant receiving tetracycline, 677
OETTINGER, L., and NEKONISHI, H.: New anti-convulsant, 1-methyl-5:5-phenylethylhydantoin: its use in pediatrics, 189
OHTAHARA, S.: Electroencephalographic studies of infantile spasms, 707
OKADA, S. *See* KUROMARU, S., 706
OKUYAMA, K.: Neuropathological findings in eight cases of infantile spasms with hypsarrhythmia, 707
ONISAWA, J. *See* SUZUKI, Y., 707
Ontogenesis, delayed, in human trisomy syndromes (abstr.), 729
Operations, disturbances in cerebral palsied children following, 360
'Ospolot' in temporal lobe epilepsy (abstr.), 471
Osteodystrophy due to low phenylalanine diet (abstr.), 730
Osteogenesis imperfecta associated with blue sclerotics and deafness, 400
Osteotomy, calcaneal, for valgus and varus deformities of foot in cerebral palsy, 87
OUNSTED, Margaret: Maternal constraint of foetal growth in man, 479
OURA, T. *See* ISSIKI, G., 705
Oxygen, dosage and risks in postnatal period (abstr.), 728

PADDISON, R., BERENDES, H., ENGEL, R. C. H., STONE, M. L., SEVER, J. L., LIPKIN, L. E., DRAGE, J. S., and WILLIAMS, B. H.: Collaborative study symposium on cerebral palsy, neurological and sensory disorders of infancy and childhood, 89
Palate, abnormalities, 697
PALMER, C. G. *See* DE MYER, W., 349
PAMPLIGLIONE, G.: Paul Harmer Sandifer, 93
— West's syndrome (infantile spasms): a polymyographic study (abstr.), 344
— *See* PLATT, B. S., 9
PAOLETTI, P. *See* MIGLIORE, A., 310
Paralysis, congenital laryngeal abductor, due to nucleus ambiguus dysgenesis (abstr.), 348
— obstetrical, due to ischaemia of spinal cord (abstr.), 468
— total, without sedation, in treatment of severe tetanus, 56
PARMELEE, A. H.: Age and size of premature infants, 330 (L)
Patau's syndrome. *See* Trisomy 13-15 (D)
PAVONI, M. *See* CURRO DOSSI, B., 727
PEARSE, J. J. *See* SIDEMAN, M. B., 731
Pendred's syndrome. *See* Goitre, congenital, associated with deafness
PENN, I. A. *See* RICKKAM, P. P., 296
Perception deficits in cerebral palsied children, 90
PEREIRA, W. C., and ALMEIDA, G. M.: Bilateral ventricular and subdural shunt with Holter valve; a new surgical technique (abstr.), 598
Pharynx, musculature, dysfunction, congenital dysphagia resulting from, 157
Phenobarbital, serum determination in children, clinical use, 387
Phenylalanine, effect of low-phenylalanine diet on older phenylketonuria patients (abstr.), 230
— osteodystrophy due to phenylalanine-low diet in phenylketonuric children (abstr.), 730
Phenylketonuria, detection of carrier state in familial genetic investigations (abstr.), 346
— diagnosis (abstr.), 468
— low-phenylalanine diet in, effect on older patients (abstr.), 230
— natural history of, 81
— skin changes in (abstr.), 110
Phenytoin, serum determination in children, clinical use, 387
PINCA, A. *See* CURRO DOSSI, B., 727
PLATT, B. S., PAMPIGLIONE, G., and STEWART, R. J. C.: Experimental protein-calorie deficiency, clinical, electroencephalographic and neuropathological changes in pigs, 9
PLOTT, D.: Congenital laryngeal abductor paralysis due to nucleus ambiguus dysgenesis in three brothers (abstr.), 348

POEMS
BOWES, B.: *Natural*, 211
BROCK, E.: *Let's Burn Lady Chatterley*, 565
BROWNJOHN, A.: *No Good*, 475
HOLLO, A.: *A Free Man*, 327

POIRIER, F. *See* GASTAUT, H., 346
Polymyography in infantile spasms (abstr.), 344
POTTS, M. W.: Airway obstruction in bronchial asthma, 82
POURFAR, M. *See* ABERFELD, D. C., 35
Pregnancy, antibiotics in, congenital malformations due to, 353
— birth management in endangered children (abstr.), 727
— histamine in, 279
— maternal constraint of foetal growth in man, 479
— toxaemia of, incidence, effect on foetal salvage, 52
Prematurity, biology of, 74
— neurological sequelae, relationship to prenatal and neonatal complications, birth-weight and sex (abstr.), 109
Prevention, opportunities for, 351
PRICHARD, J. S. *See* TIBBLES, J. A. R., 600

Protein-calorie deficiency, experimental, clinical, electroencephalographic and neuropathological changes in pigs, 9
Psychiatry, sixth international congress on Child Psychiatry, 476
Psychosis, childhood, influence of organic and emotional factors on origins, nature and outcome, 518
Psychotherapy in girl of 18 years with severe cerebral palsy, 175
'Puppet' children, 681
Pyridoxine in infantile myoclonic seizures (abstr.), 734
— metabolism and tryptophan-tolerance tests in epileptic children, 50
— — in epilepsy, 50, 74

R's, those double r's, 213 (L)
RAMSEY, F. C.: Total paralysis without sedation in treatment of severe tetanus, 56
RANDALL, R. V. *See* GOLDSTEIN, N. P., 730
Reading problems in cerebral palsied adults, 88
— retardation (abstr.), 598
Rectum, congenital anomalies, 199
Reflex, Moro, asymmetrical, in neurologically normal infants, 244
Research and mental retardation, 233, 451 (L), 452 (L)
— necessity for, 119
Retinitis pigmentosa associated with deafness, 396
REYNELL, Joan K.: Post-operative disturbances observed in children with cerebral palsy, 360
RHANGOS, W. *See* HILL, L. M., 89
RICHARDS, B. W.: Diagnosis of Down's syndrome, 285
RICHTER, D.: Maturation of the brain; report of a symposium held in Paris, 209
RICKHAM, P. P., and PENN, I. A.: Place of ventriculostomy reservoir in treatment of myelomeningoceles and hydrocephalus, 296
ROBERTS, G. E. *See* HEELEY, A. F., 46
RODIN, E. A. *See* LUCAS, A. R., 145
ROUX, G. *See* GAYRAL, L., 231
Royal Society of Medicine, symposium on the handicapped child, 447
ROZDILSKY, B. *See* CUMINGS, J. N., 730
Rubella, maternal, relation to congenital defects, 196
— — virologic and serologic studies on products of conception following (abstr.), 345
RUSHWORTH, G., and SOMEKH, D. E.: Ankle jerk in thyroid disease and in cerebral palsy, 65
RUTTER, M.: Influence of organic and emotional factors on origins, nature and outcome of childhood psychosis, 518

Salicylates related to inhibition of mucopolysaccharide synthesis, teratogenic action of (abstr.), 602
SAMILSON, R. L. *See* MCIVOR, W. C., 87
SANDIFER, Paul Harmer, obituary of, 93
Scandinavian Child Neurologists, meetings of, 476
SCHEIDLER, E. P. *See* WESTMAN, J. C., 598
SCHILLACE, R.: Developmental comparisons of mentally retarded and neurotic children (abstr.), 348
Schizophrenia, relation to autism, 519
SCHÖNENBERG, H.: Hydraencephaly (abstr.), 344
Schoolchildren, neurological assessment of children with early school problems, 145
SCHURR, P. H.: Brain swelling in acute purulent meningitis, 321
— Brain abscess in childhood, 433
SCHUTT, W. H.: Palatal defects, 697
SCHWARTZE, P., and ARESIN, L.: Effect of transfusion with oxygenated blood on the EEG of human foetuses (abstr.), 474
SCHWARZ, B. H. *See* DRAGE, J. S., 228
Sclerosis, diffuse infantile familial cerebral. *See* Krabbe's disease
Scottish Council for the Care of Spastics, scholarships, 350
Seizures, myoclinic, of infancy and childhood, treatment with LA-1 (abstr.), 231
SEKINO, H. *See* KUWABARA, T., 705
Sensation deficits in cerebral palsied children, 90
SERGOVICH, F. R. *See* SOLTAN, H. C., 466
Serum determinations of phenytoin and phenobarbital in children, clinical use, 387
SEVER, J. L. *See* PADDISON, R., 89
Sex chromatin in newborn (abstr.), 600
SHANKLIN, D. R., and BERMAN, P. A.: An experimental model for hyaline membrane disease (abstr.), 109
SHAPIRO, A.: Research and the mentally retarded, 452 (L)
SIDEMAN, M. B., PEARSE, J. J., and SUWALSKI, R. T.: Cholinesterase levels in spastic children (abstr.), 731
SILVER, C. M., SIMON, S. D., SPINDELL, E., and LITCHMAN, H. M.: Calcaneal osteotomy for valgus and varus deformities of the foot in cerebral palsy: preliminary report, 87
SIMON, S. D. *See* SILVER, C. M., 87
SIMSON, C. B. *See* LUCAS, A. R., 145
Skin changes in phenylketonuria (abstr.), 110
— dermatoglyphics of congenital malformations, 568
Skull, transillumination, in diagnosis of intracranial disease in children up to three years of age, 634
— — technique, 696
Sleep cycles in premature infants, 317
Smallpox, maternal, hydrocephalus due to (abstr.), 597
— vaccination, acute encephalopathic reaction in infants following (abstr.), 732
SMITHELLS, R. W.: Congenital asymmetry, 698
— 'Is this a syndrome?', 454 (L)
— and CHINN, E. R.: Spina bifida in Liverpool, 258
SMYTH, V. O. G.: Use of 'ospolot' in temporal lobe epilepsy: a preliminary communication (abstr.), 471
Social medicine, 1
SOLNIT, A. J.: The dying child, 693
SOLTAN, H. C., WIENS, R. G., and SERGOVICH, F. R.: Genetic studies and chromosomal analyses in families with mongolism (Down's syndrome) in more than one member (abstr.), 466
SOMEKH, D. E. *See* RUSHWORTH, G., 65
Somnolence, periodic, 706
SOTOS, J. F., DODGE P. R., MUIRHEAD, D., CRAWFORD, J. D., and TALBOT, N. B.: Cerebral gigantism in childhood; a syndrome of excessively rapid growth with acromegalic features and a non-progressive neurologic disorder (abstr.), 228

Spasms, infantile, amino-aciduria in, 707
— — electroencephalographic studies of, 707
— — hypsarrhythmia with (abstr.), 470
— — — — neuropathological findings in, 707
— — — — tryptophan metabolism in, 707
— — myoclonic, pyridoxine in (abstr.), 734
— — polymyographic study of (abstr.), 344
— — treated with ACTH, EEG observations in children with (abstr.), 343
Spastics Quarterly, merger with *Special Education*, 350
Special Education, merger with *Spastics Quarterly*, 350
SPECTOR, R.: Pharmacology and the central nervous system, 577
Speech, delayed development in children, glossogram findings in, 706
Spina bifida cystica, family history of (abstr.), 597
— — — pedunculated, 295
— — early neurosurgical approaches to, 90, 492
— — incidence in Liverpool, 258
Spinal cord, birth injury, 90
— — ischaemia, obstetrical paralysis due to (abstr.), 468
SPINDELL, E. *See* SILVER, C. M., 87
Spinocerebeller ataxia associated with congenital cataract, somatic and mental retardation. *See* Marinesco-Sjögren syndrome
STEEN, J. A. *See* JØRGENSEN, L., 229
STEIN, Zena A., SUSSER, M. W., and WILSON, A. E.: Families of enuretic children. I. Family type and age, 658
— — — Families of enuretic children. II. Family culture, structure and organisation, 663
STEVENSON, R. B. C.: Effect of a reduction in severe toxaemia of pregnancy on foetal salvage, 52
STEWART, R. J. C. *See* PLATT, B. S., 9
STONE, M. L. *See* PADDISOK, R., 89
Streptomycin during pregnancy, effect on foetus (abstr.), 347
STROMMEN, E. A. *See* JONES, M. H., 88
STROTHER, C. R.: Minimal brain injury: role of training and special education, 88
SUNG, J. H.: Neuroaxonal dystrophy in mucoviscidosis (abstr.), 344
SUSSER, M. W.: Home environment and development, 319
— *See* STEIN, Zena A., 658, 663
SUWALSKI, R. T. *See* SIDEMAN, M. B., 731
SUZUKI, Y., ONISAWA, J., and MIZUTANI, I.: Amino-aciduria in infantile spasms, 707
SWINYARD, C. A.: The last year of the second decade; problems and opportunities confronting the American Academy for Cerebral Palsy, 603
Sydenham's chorea, electroencephalography in (abstr.), 474
SZANTO, I. *See* KEMENY, P., 230

TACHDJIAN, M. O., BANKS, H. H., BERENBERG, W., and TYLER, H. R.: Development of baseline records in cerebral palsy: a progress report, 89
TAKAI, T. *See* ISSIKI, G., 705
TAKATSU, T.: Report of fifth annual meeting of the Japanese Society of Paediatric Neurology, 705
Tay-Sachs' disease with variations, 199
Teeth, biopsy of dental pulp in diagnosis of metachromatic leucodystrophy, 620
TERAO, H. *See* KUWABARA, T., 705
Tetanus, total paralysis without sedation in treatment of, 56
Tetracycline, acute benign intracranial hypertension due to, 677
THELANDER, H. E.: Dimensions in cerebral palsy often overlooked, 709 (L)
THURSTON, J. G. B. *See* GANS, B., 42
Thyroid disease, ankle jerk in, 65
TIBBLES, J. A. R., and PRICHARD, J. S.: Prognostic value of electroencephalogram in neonatal convulsions (abstr.), 600
TOWBIN, A.: Spinal cord and brain-stem injury at birth, 90
TOWNES, P. L.: Trypsinogen deficiency disease (abstr.), 468
— *See* HECT, F., 466
Toxaemia of pregnancy, incidence, effect on foetal salvage, 52
Toxoplasmosis, congenital, in Bukovina (abstr.), 474
Transillumination of skull in diagnosis of intracranial disease in children up to three years of age, 634
— — — technique, 696
Trisomy, association of Down's syndrome with (abstr.), 466
— delayed ontogenesis in (abstr.), 729
— phenotypic shifts in (abstr.), 729
— 13-15 (D) associated with deafness, 403
— 17-18 (E) associated with deafness, 403
— — studies in long-term survival with report of two autopsied cases (abstr.), 229
Trypsinogen deficiency disease (abstr.), 468
Tryptophan metabolism in epilepsy, 50, 74
— — in infantile spasms with hypsarrhythmia, 707
— — in psychotic children, 46
— tolerance tests and pyridoxine metabolism in epileptic children, 50
Tumours of cerebral hemisphere in infancy and childhood, 705
TURNIN, J. *See* GAYRAL, L., 231
Twins, perinatal observations on, 121
— relationship between intelligence and birth weight in (abstr.), 728
TYLER, H. R. *See* TACHDJIAN, M. O., 89
Typus degenerativus Amstelodamensis, 31, 35, 42
Tyrosine alpha-oxoglutarate transaminase, cerebral and hepatic, in immature and adult rat, 392

UCHIDA, S. *See* KUROMARU, S., 706
UCKO, L. E.: Comparative study of asphyxiated and non-asphyxiated boys from birth to five years, 643
University of California, two-year training program in mental retardation for pediatricians, 114
Urine, diversion in children, 167
Usher's syndrome. *See* Retinitis pigmentosa associated with deafness
Utero-placental circulation, historical observations on, 178

Vaccination, smallpox, acute encephalopathic reaction in infants following (abstr.), 732
VAN DEN BERG, B. J. *See* YERUSHALMY, J., 467
VARPELA, E.: Effect of first-line tuberculosis drugs on foetus (abstr.), 347
Ventriculostomy reservoir in treatment of myelomeningoceles and hydrocephalus, 296

VILLANI, R. *See* MIGLIORE, A., 310
Vitamin B_6. *See* Pyridoxine
VIVELL, O., and KIENAST, D.: Encephalo-enteritis acuta infectiosa (abstr.), 472

Waardenburg's syndrome, 397
WAINER, G. G.: Psychotherapy in a girl of 18 years with severe cerebral palsy, 175
WALKER, Marjorie: Perceptual, coding, visuo-motor and spatial difficulties and their neurological correlates, 543
Walking, teaching severely retarded children to walk, 549
WALLIS, P. G.: Morquio's disease, 432
WALSH, E. G.: Hyertonia of skeletal muscle, 323
WALTON, J.: Current research in muscular dystrophy; report on third symposium of Muscular Dystrophy Group of Great Britain, 205
WALTZ, A. G. *See* GREER, H. D., 85, 507
WEBER, W. W., MAMUNES, P., DAY, R., and MILLER, P.: Trisomy 17-18 (E): studies in long-term survival with report of two autopsied cases (abstr.), 229
WELLER, T. H. *See* ALFORD, C. A., 345
WENT, L. N.: A sex-linked heredo-degenerative neurological disorder associated with Leber's optic atrophy (abstr.), 466
WERRY, J. S.: Emotional factors and enuresis nocturna, 563
West's syndrome. *See* Spasms, infantile
WESTMAN, J. C., ARTHUR, B., and SCHEIDLER, E. P.: Reading retardation: an overview (abstr.), 598
WHEELER, E. F. *See* EDDY, T. P., 377
WIENS, R. G. *See* SOLTAN, H. C., 466
WILLIAMS, B. H. *See* PADDISON, R., 89
WILMERS, Mary J.: Congenital malformations in babies of diabetic mothers, 78
WILSON, A. E. *See* STEIN, Zena A., 658, 663
WILSON, Barbara C. *See* WILSON, J. J., 90
WILSON, F. *See* CARTER, M. P., 353
WILSON, J. J., and WILSON, Barbara C.: Some sensory and perceptual deficits in cerebral palsied children, 90
Wilson's disease. *See* Hepato-lenticular degeneration
WISER, W. C. *See* BRAY, P. F., 470
WOLFF, O.: A-beta-lipoproteinaemia, 430
WOODY, N. C.: Hyperlysinemia (abstr.), 343
WULF, H.: The neonatal index (abstr.), 599

YAKUNIN, Y. A. *See* KHOKHLOVA, Z. E., 473
YAMAGATA, H. *See* ISSIKI, G., 705
YATES, P. O. *See* COCKER, J., 235
YELUFIMOVA, V. F., and FIRSOVA, V. A.: Long-term results of treatment of tuberculosis meningitis in children with metazid, PAS and streptomycin without resort to sub-arachnoid injections (abstr.), 111
YERUSHALMY, J., VAN DEN BERG, B. J., ERHARDT, C. L., and JACOBZINER, H.: Birth weight and gestation as indices of immaturity (abstr.), 467
YOUNG, G. C.: Conditioning treatment of enuresis, 557

ZACHARY, R. B.: Early neurosurgical approaches to spina bifida, 90, 492
ZAPPELLA, M. *See* BIGNAMI, A., 470
ZEMAN, W. *See* DE MYER, W., 349
— *See* GARDNER, D. G., 620
ZINCHENKO, S. N.: Special features of intellectual disturbance in children suffering from congenital hypothyroidism (abstr.), 599

SUPPLEMENTS

Developmental Medicine and Child Neurology, Supplement No. 9: Bibliography of Developmental Medicine and Child Neurology: Books and Articles received in 1964.